

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2617	receiv\$4 with broadcast with before	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 12:54
L3	682	receiv\$4 with broadcast with before with time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 12:54
L4	85	receiv\$4 with broadcast with before with set with time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 12:54
L5	6	receiv\$4 with broadcast with before with alarm with time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 12:55
L6	3	receiv\$4 with broadcast with before with begin\$4 with set with time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 12:58
L7	12	receiv\$4 with broadcast with before with begin\$4 with program	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 13:00
L8	0	receiv\$4 with broadcast with before with begin\$4 with alarm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 13:03
L9	11	receiv\$4 with broadcast with before with alarm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 13:03

L10	156	receiv\$4 with broadcast with before with predetermined	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 13:04
L11	83	receiv\$4 with station with before with alarm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 13:12
L12	25	receiv\$4 with station with before with alarm with time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 13:12
S1	1	"10590015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 13:47
S2	117943	(MIWA NEAR3 KOSHIJIMA) (YUUICHI NEAR3 TANEYA) EPSILON	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 13:48
S3	6	(MIWA NEAR3 KOSHIJIMA) (YUUICHI NEAR3 TANEYA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 13:48
S4	0	("2008/0020740").URFN.	USPAT	OR	OFF	2008/10/01 13:49
S5	6	JP-2001285101-\$.DID. OR JP-2003037785-\$.DID. OR JP-2003273759-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/01 13:58
S6	226	(ALARM SAME BROADCAST).CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:08

S7	355963	"455"/.CLAS. "370"/.CLAS. "379"/.CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:08
S8	65	S6 AND S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:08
S9	157	379/48.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:15
S10	24	S9 AND (BROADCAST)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:15
S11	13	S9 AND (BROADCAST SAME ALARM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:16
S12	8	S9 AND (BROADCAST WITH ALARM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:16
S13	1	S9 AND (BROADCAST WITH (PRESET PRES1SET AUTOMATIC TIMED))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:17
S14	14964	7AND (BROADCAST WITH (PRESET PRES1SET AUTOMATIC TIMED))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:18

S15	1603	S7 AND (BROADCAST WITH (PRESET PRE\$1SET AUTOMATIC TIMED))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:18
S16	46	S15 AND (BROADCAST WITH ALARM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:18
S17	0	("2007/0243850").URPN.	USPAT	OR	OFF	2008/10/01 15:18
S18	89	455/166.2.CQLS.	USPAT	OR	OFF	2008/10/01 15:25
S19	106	455/166.2.CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:25
S20	7	S19 AND (BROADCAST\$5 WITH (ALARM PRESET PRE\$1SET AUTOMATIC TIMED) WITH (AM FM RADIO TELEVISION STATION))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:26
S21	1209	S7 AND (BROADCAST\$5 WITH (ALARM PRESET PRE\$1SET AUTOMATIC TIMED) WITH (AM FM RADIO TELEVISION STATION))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:28
S22	482	S7 AND (BROADCAST\$5 NEAR5 (ALARM PRESET PRE\$1SET AUTOMATIC TIMED) NEAR5 (AM FM RADIO TELEVISION STATION))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:29
S23	105	S22 AND (SIGNAL WITH (QUALITY STRENGTH))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:29
S24	4536	(BROADCAST\$5 WITH (ALARM PRESET PRE\$1SET AUTOMATIC TIMED) WITH (audio AM FM RADIO TELEVISION))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:38

S25	3048	455/414.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:38
S26	20	S24 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:38
S27	317	((begin\$4 start\$4 activat \$4) with BROADCAST\$5 WITH (ALARM PRESET PRE \$1SET AUTOMATIC TIMED) WITH (audio AM FM RADIO TELEVISION))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:41
S28	139188	"455"/.clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:41
S29	81	S27 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:42
S30	178	alarm near5 radio near5 broadcast\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:46
S31	37	S28 and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:46
S32	5	("20030224762"   "20040266398"   "6492912"   "6850839"   "6993351").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/01 15:47
S33	3221	455/550.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/01 15:50
S34	7	S33 and S24	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/01 15:50

S35	7	S34 and ( (ALARM PRESET PRES1SET AUTOMATIC TIMED) WITH (audio AM FM RADIO TELEVISION))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:51
S36	78	(preset pre\$1set timed alarm) with (radio audio) with activat\$4 with (broadcast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 15:59
S37	43	(event) with (radio audio) with activat\$4 with (broadcast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:02
S38	12	S28 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:02
S39	1	2002-006939.NRAN.	DERWENT	OR	OFF	2008/10/01 16:09
S40	1	2003-718171.NRAN.	DERWENT	OR	OFF	2008/10/01 16:09
S41	0	("2008/0020740").URPN.	USPAT	OR	OFF	2008/10/01 16:12
S42	1	h5-22172	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:13
S43	57	(alarm near5 broadcast\$5 near5 function)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:15
S44	540	(broadcast with station with zone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:21

S45	218	S28 and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:21
S46	87	S45 and (signal with (strength quality))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:21
S47	29	(mobile wireless) with (alarm) with (broadcast \$4) with (audio fm am)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 16:28
S48	2658	(radio with receiver with alarm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:49
S49	139366	"455"/.clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:50
S50	362	S49 and S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:50
S51	816	(radio adj3 receiver) near5 alarm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:50
S52	141	S49 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 09:50

S53	37	(radio near5 broadcast near5 threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:32
S54	0	(radio near5 broadcast near5 threshold near5 alarm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:32
S55	0	(radio near5 broadcast near5 threshold with alarm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:33
S56	0	((radio near5 broadcast near5 threshold) with alarm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:33
S57	4	((radio near5 broadcast near5 threshold) with audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:33
S58	8	((radio near5 broadcast near5 threshold) near5 below)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:33
S59	100	((radio near5 broadcast ) near5 below)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:35
S60	100	S59 not S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:35



S61	32	S49 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 10:35
S62	185	455/3.04.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 11:32
S63	596	455/525.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:47
S64	155	S63 and ((strongest highest) with signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:48
S65	136	S63 and ((strongest highest) near5 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:48
S66	185	455/3.04.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:49
S67	7	S66 and ((strongest highest) near5 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:49
S68	0	S66 and (location with detect\$4 with (bs station))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:51

S69	32	S66 and (location with (bs station))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:51
S70	26	S66 and (location near7 (bs station))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:51
S71	12	S66 and (location near7 (bs (base adj2 station)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:54
S72	571	(location near7 (determin\$4) near6 (transmit\$6) near6 (bs (base adj2 station)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:57
S73	404	(location near7 request\$4 near6 (transmit\$6) near6 (bs (base adj2 station)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:58
S74	2	S73 and (S63 or S66)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:58
S75	2	"7330729"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 14:59
S76	3	S66 and (position\$4 near7 (bs (base adj2 station)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:00

S77	40	((location position) near6 via near7 request\$4 near6 (transmit\$6) near6 (bs (base adj2 station)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:01
S78	2	"7330729"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:19
S79	36472	((location position\$4) with information with (bs (base adj2 station))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:27
S80	11	S79 and S86	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:28
S81	20783	((position\$4 location) adj5 (bs (base adj2 station))) with ((position\$4 location) near5 (wireless ms mobile device terminal ue))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:35
S82	823	455/404.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:36
S83	177	S81 and S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 15:36
S84	1	"10438563"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 16:15

S85	18	("20020159387"   "20030027572"   "20030148771"   "20030157945"   "20040203770"   "20040248546"   "20050192024"   "5305466"   "5369681"   "5953667"   "6052591"   "6058308"   "6138025"   "6230017"   "6542716"   "6584316"   "6625461"   "6718178").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/02 16:15
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2/18/2009 2:29:46 PM

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